IN THE SPECIFICATION

Please replace paragraph [0012] with the following:

--The invention concerns, in its most general sense, an integrated monolithic electronic component for connection to a telecommunications network and data exchange in accordance with ~~a part~~ at least a part of the Internet protocols.--

Please replace paragraph [0018] with the following:

--The invention also concerns a piece of communications equipment comprising a calculator, connection means to a telecommunications network, and keyboarding and display means, characterized in that the means [of] for connection to the telecommunications network are constituted [by] of an integrated monolithic electronic component for connection to a telecommunications network and for data exchange in accordance with ~~a part~~ at least a part of the Internet protocols, characterized in that the component includes an architecture of the DSP (Digital Signal Processor) type.--

Please replace paragraph [0019] with the following:

--The invention further concerns a process for adapting a piece of telecommunications equipment fitted with a DSP calculator controlling modem functions, characterized in that in the memory of the DSP calculator is loaded with a program including the routines for [the] message-handling, FTP download and/or Web server functionalities.--

Please replace paragraph [0021] with the following:

--Referring now to the drawings, the component shown in Fig. 1 is a DSP component including modem functions wherein ~~additionally~~ a program is additionally loaded to run condensed Internet protocols.--

Please replace paragraph [0022] with the following:

--This is a component including an integrated processor to process the digital signal and [to] produce intermediate data and a group of shared random access memories (RAM) for storing intermediate digital data.--

Please replace paragraph [0027] with the following:

--In an implementation variant, ~~represented by a diagrammatic view~~ as shown in Fig. 2, access to the Internet is not achieved directly by means of the switched telephone network, but through a local network (using, for example, the Ethernet, carrier transmission, or again a local radio connection) and a connection gateway between this local network and the switched telephone network.--

Please replace paragraph [0028] with the following:

--A variant of the architecture, there, consists of implanting software modules allowing transmission on other physical media (such as the Ethernet or the carriers), and no longer only on the telephone line, in the same type of processor (DSP). This variant makes it possible to have interchangeable software modules in the DSP (or generally in an unspecified processor, allowing

connectivity to the Internet by means of different physical media (and no longer only by a telephone line) while ~~presenting~~ having a single interface with the associated equipment.--

Please replace paragraph [0031] with the following:

--Transmission signals processing program:

The device allows a modem program to be run by the DSP to provide [the] physical transmission of the signals on a telephone line, or in the case of transmission on other physical media, for the DSP to run:

- a program providing low-level Ethernet functions (usually provided by a Medium Access Control [MAC] component), where an Ethernet network is used,

- a modulation/demodulation by carriers program, where carriers are used,

- a baseband data processing program, where a short-range radio connection is used.--